Message

From: Partridge, Charles [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=27DA56DA9A12472787EF56077099CF36-PARTRIDGE, CHARLES]
Sent: 4/11/2019 9:50:22 PM
To: Greene, Nikia [Greene.Nikia@epa.gov]; Wardell, Christopher [Wardell.Christopher@epa.gov]
Subject: FW: Katie Hailer Presentation at Montana Tech

From: Hailer, Katie <KHailer@mtech.edu>
Sent: Thursday, April 11, 2019 3:48 PM
To: Partridge, Charles <Partridge.Charles@epa.gov>
Subject: RE: Katie Hailer Presentation at Montana Tech

Hi Charlie,

Thanks for the response. I've been thinking about our meeting from a few weeks ago and I'm wondering if we can come up with a small scope project to test out your new bioavailability methods. If you (EPA or similar) could come up with a bit of funding for an undergraduate student for the summer, I think we could pull together a nice project. I actually have access to internal funds to pay a student summer salary. What I would need help with is funding to run the samples on the ICP-MS and to purchase enzymes for the stomach and intestine simulations (I have reagents and other chemicals necessary for collection and digestion).

Maybe this is a pipe dream idea, but we could collect some residential soil and household dust in the Greeley neighborhood and look at total and bioavailable metals. I figure any additional sample collection in Greeley is beneficial to the Priority Soils discussions that are on-going currently. I know Pb and As are the two priorities for your agency. We can look at those and then add a number of other metals that I'm especially interested in (Cu, Mn, and Zn mainly). We could follow EPA methods for all of this pretty easily I think. Anyhow, that's my pitch. If you can't make it happen, no worries. I figured it was worth asking.

On an unrelated topic, I looked back at my soil sample data from 2015. We only collected 32 soil samples but I did have samples above the EPA limits for both Cu and Mn. We analyzed the fine soil fraction. The range for Cu was 90-811ppm (limit is 310ppm) and the range for Mn was 454-2134ppm (limit is 1,800ppm). Median and average values for these 2 metals are below limits so obviously the majority of my samples are not above the limit. Just thought you might find that interesting.

Katie

From: Partridge, Charles <Partridge.Charles@epa.gov>
Sent: Monday, April 8, 2019 9:19 PM
To: Hailer, Katie <KHailer@mtech.edu>
Subject: Re: Katie Hailer Presentation at Montana Tech

Thank you Katie. I appreciate the prompt response and professional courtesy. I am intrigued with your newborn findings. I do think they may warrant further investigation. We are just in a difficult place where I (EPA) would like to provide support, but this is not the type of research that EPA is equipped to support at the regional level. As well, I do realize you need to be independent to provide credibility to the community. That being said, as I mentioned in our meeting, I am trying to identify "independent" funding sources that may be available to researchers in the Butte area. We all are trying to achieve the same goal, we just may have differing opinions on how to get there. Again thank you, and I would like to offer to come talk to your students about superfund or science careers at anytime.

Thank you,

Charlie

Sent from my iPhone

On Apr 8, 2019, at 7:27 PM, Hailer, Katie <KHailer@mtech.edu> wrote:

> Hi Charlie,
>
> No I'm not presenting my meconium data. In fact, this was not supposed to be advertised at all. I was asked to come to our seminar to talk about my research, but just to the chem majors. I'm actually fairly annoyed that this was sent around like a "real" seminar talk.
>
> I won't be presenting anything new and I asked Alysia to send out a cancellation notice so I can just meet with the students as originally planned.
>
> Thanks,
> Katie
>
> Sent from Mail for Windows 10
>
> ---
>
> **From:** Partridge, Charles
> **Sent:** Monday, April 8, 2019 4:13 PM
> **To:** Hailer, Katie
> **Subject:** FW: Katie Hailer Presentation at Montana Tech
>
> Dr. Hailer,
>
> I received the email below about your presentation on the 10th? Will you be presenting the Butte and SC newborn data?
>
> Thank you,
>
> Charlie
>
> ---
>
> **From:** jgriffin.redmountain@gmail.com <jgriffin.redmountain@gmail.com>
> **Sent:** Saturday, April 6, 2019 8:09 AM
> **To:** Greene, Nikia <Greene.Nikia@epa.gov>; Sullivan, Karen <ksullivan@bsb.mt.gov>; dreed@mt.gov; 'Hassler, Eric' <ehassler@bsb.mt.gov>; 'Crain, Julia' <jcrain@bsb.mt.gov>; lwilliamson@mt.gov; 'dave hutchins' <montanamaker@gmail.com>; Rosalind A. Schoof <rschoof@ramboll.com>; Seth Cornell <sethcornell1980@gmail.com>; 'Steve Ackerlund' <steve.ackerlund@bresnan.net>; Bryson, Josh <josh.bryson@bp.com>; 'Wendel, Arthur (ATSDR/DCHI/WB)' <dvq6@cdc.gov>; Partridge, Charles <Partridge.Charles@epa.gov>; jrolich@bsb.mt.gov; Warner, Brandon <bwarner@bsb.mt.gov>
> **Subject:** Katie Hailer Presentation at Montana Tech
>
> Hi Folks
>
> This should be of interest to the Working Group:

April 10 Dr. Katie Hailer, Department of Chemistry & Geochemistry, Montana Tech

Assessing Human Metal Accumulations in an Urban Superfund Site

Her talk is at 12:00 in the Chemistry Biology Building (CBB) Room 102

Joe Griffin

Retired Superfund Project Manager, MT DEQ

406 560-6060

The intuitive mind is a sacred gift and the rational mind is a faithful servant. We have created a society that honors the servant and has forgotten the gift. – Albert Einstein